

### Abstract of the Disclosure

Novel GAVE3 polypeptides, proteins and nucleic acid molecules are provided. In addition to isolated, full-length GAVE3 proteins, isolated GAVE3 fusion proteins, antigenic peptides and anti-GAVE3 antibodies are taught.

GAVE3, recombinant expression vectors, host cells into that the expression vectors have been introduced and non-human transgenic animals in that a GAVE3 gene has been introduced or disrupted are taught. Diagnostic, screening and therapeutic methods utilizing compositions of the invention also are provided.

DISCLOSURE SHEET